

WATER DATA SUMMARY 6/26/10

Region 6:

- A total of 589 water samples have been collected to date. The first samples were collected 4/30/10. Samples have been analyzed by Gulf Coast Analytical and Accutest (R6 START labs).
- Requested parameters include:
 - Volatiles by SW846 8260
 - Semivolatiles by SW846 8270
 - Polynuclear Aromatic Hydrocarbons by SW846 8270 SIM
 - Metals by SW846 6010/7470
 - Total Petroleum Hydrocarbons (Gasoline, Diesel, and Oil Range Organics) by SW846 8015
 - Total Organic Carbon
 - Oil and Grease

Parrish	Total Samples	Samples with Final Results	Samples with Prelim results	Samples with no results
Not Identified	12	7	0	5
Cameron	17	15	0	2
Iberia	7	7	0	0
Jefferson	45	36	0	9
Lafourche	96	82	0	14
Orleans	2	2	0	0
Plaquemines	258	221	9	28
St Bernard	48	39	3	6
St Mary	8	8	0	0
Terrebonne	88	77	0	11
Vermillion	8	8	0	0

Analytical Issues Being Confronted:

Due to the high salt content of the samples and matrix interference, the laboratory is often required to re-run the samples to confirm the reported results. Any time that re-runs are required, the laboratory Level 2 deliverable is delayed by one day. Which consequently delays the upload of final data to Scribe.

Results and Early Conclusions

- A total of 10 samples collected on May 20 and 25 exceeded the screening levels for di-n-butyl phthalate.
- One sample collected on May 25 and two samples collected on May 31 exceeded the screening levels for pyrene.
- Surface water results collected on May 22 and 23, 2010 at 10 stations along the coast of Louisiana were measured for two of the chemicals associated with dispersants (2-Butoxyethanol and 2-Ethylhexyl Alcohol) but did not detect either one.

- Two samples collected June 19 exceeded the screening level for naphthalene.
- The following table is a summary of exceedances for water:

Analyte	# of Samples	Dates of Samples
di-n-butyl phthalate	10	May 20, 25
pyrene	3	May 25, 31
Mercury	2	May 5
Naphthalene	2	June 19